	Application No.	Applicant(s)	
Notice of Allowability	09/646,859	ISLAM ET AL.	
	Examiner	Art Unit	
	Hanh Phan	2613	
The MAILING DATE of this communication apperation allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate commedite. This application is and MPEP 1308.	ith the correspondence address- n this application. If not included unication will be mailed in due cours	e. THIS ne initiative
1. This communication is responsive to <u>amendment filed on 0</u>	<u>11/23/2006</u> .		
2. The allowed claim(s) is/are 1-20.		•	
3. Acknowledgment is made of a claim for foreign priority una a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" on the other priority documents have International Bureau (PCT Rule 17.2(a)). Applicant has THREE MONTHS FROM THE "MAILING DATE" on the other priority documents have International Bureau (PCT Rule 17.2(a)). Applicant has THREE MONTHS FROM THE "MAILING DATE" on the other priority documents have International Bureau (PCT Rule 17.2(a)).	been received. been received in Application currents have been received of this communication to file ENT of this application. itted. Note the attached EX as reason(s) why the oath of the control of	on No In this national stage application from the stage applicatio	nents
(a) including changes required by the Notice of Draftspers		w (PTO-948) attached	
1) hereto or 2) to Paper No./Mail Date		·	
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the	84(c)) should be written on t	he drawings in the front (not the back)) of
6. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT I			he
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview S Paper No. 8), 7. ☐ Examiner's	nformal Patent Application (PTO-152 summary (PTO-413), /Mail Date s Amendment/Comment s Statement of Reasons for Allowance	e



Approved to the state of the st

Figure 1

Replacement Sheet

Generating an optical packet of data pulses
(without a distinctive synchronization marker)

Transmitting the packet to a routing node
via an optical transmission pathway

Duplicating the packet

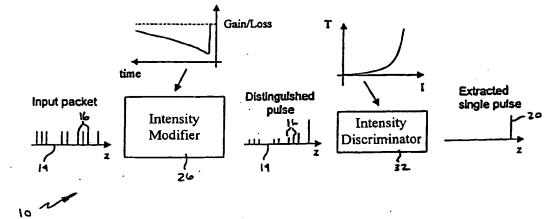
Modifying a seed pulse (selected from among
the data pulses within the packet) to be opticallydistinguishable from the remaining data pulses

Discriminating the modified seed pulse from the
remaining data pulses within the packet

Synchronizing an operation of the network involving
the packet using the modified and extracted seed pulse

10

Figure 2





Replacement Sheet

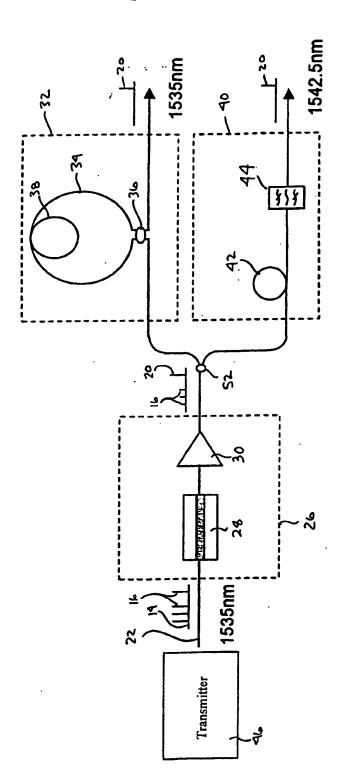


Figure 3

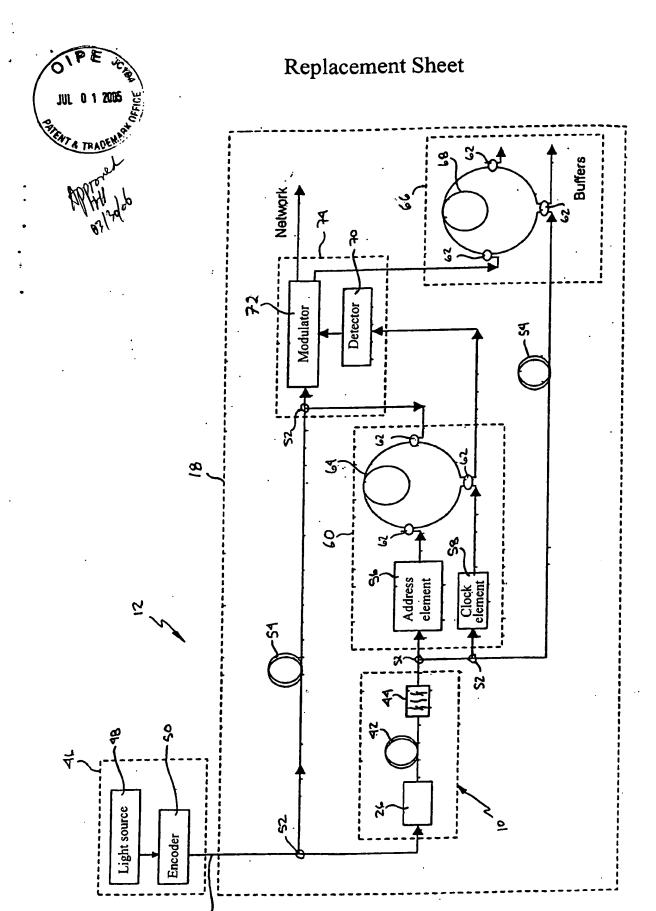


Figure 4